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Group 3700

Attorney Docket No. 17634-000320

UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Brian R. Murphy et al.

Serial No. 09/083,793

Filed: May 22, 1998

For: PRODUCTION OF ATTENUATED

PARAINFLUENZA VIRUS VACCINES FROM CLONED NUCLEOTIDE SEOUENCES FEB Û 1 1990

Examiner: M. Mosher

GROUP 1800

Art Unit: 1643

INFORMATION DISCLOSURE STATEMENT

Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

Applicants direct the Examiner's attention to the references below, also listed on the accompanying Form PTO-A copy of each is also enclosed.

The following U.S. Patents are set forth by issued date:

U.S. Patent No. 5,716,821, issued February 10, AA. 1998 to Wertz et al.

U.S. Patent No. 5,789,229, issued August 4, 1998 to Wertz et al.

The following foreign patent publication is set forth below:

> WO 97/06270, published 2/20/97 AC.

> WO 97/11093, published 3/27/97 AD.

> WO 97/20468, published 6/12/97 AE.

AF. EP 0 440 219 A1, published 8/7/91

EP 0 702 085 A1, published 3/20/96 AG.

The following articles are set forth alphabetically by inventor:

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AK. Collins et al., "Production of infectious human respiratory syncytial virus from cloned cDNA confirms an essential role for the transcription elongation factor from the 5' proximal open reading frame of the M2 mRNA in gene expression and provides a capability for vaccine development," Proc. Natl. Acad. Sci. USA 92:11563-11567, 1995.

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AX. Grosfeld et al., "RNA Replication by Respiratory Syncytial Virus (RSV) Is Directed by the N, P, and L Proteins; Transcription Also Occurs under These Conditions but Requires RSV Superinfection for Efficient Synthesis of Full-Length mRNA," J. Virol. 69: 5677-5686 (1995).

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It is respectfully requested that the cited information be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Applicants believe that their invention as claimed is patentable over the above references taken alone or in any combination. However, Applicants reserve the right to demonstrate that their claimed invention was made prior to any one or more of the above-identified references. No inference should be drawn as to the pertinence of the references based on the order in which they are presented.

Applicants respectfully request that the Examiner review the foregoing references to make his own determination of the patentability of the present invention and that the references be made of record in the file of this application.

This Information Disclosure Statement is being filed before any action on the merits.

Although no fee is believed to be due, the Commissioner is hereby authorized to charge any fees necessitated by this transmittal to Townsend and Townsend and Crew Deposit Account No. 20-1430.

Respectfully submitted,

Date: 1/25/99

By:

Jeffrey J. King

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References

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